CIVILTECH LABS

TEST REPORT ON FINE AGGREGATES Ref:IS:383/2386

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Name of Work	Work of Reconstruction of drains and covering slab in ward No.05 (Jakkur) Byatarayanapura sub division.
Agency Name	Sri. S. K. Keshavamurthy

Sample	Date of Testing	Specific Gravity As Per IS: 2720 Part 3 - 1970	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970				Grading Zone
					ZONE-I	ZONE-II	ZONE-III	ZONE-IV	
Fine Aggregates	10/02/2014	2.57	10	100	100	100	100	100	II
			4.75	99	90-100	90-100	90-100	95-100	
			2.36	83	60-95	75-100	85-100	95-100	
			1.18	71	30-70	55-90	75-100	90-100	
			0.6	43	15-34	35-59	60-79	80-100	
			0.3	22	5-20	8-30	12-40	15-50	
			0.15	8	0-10	0-10	0-10	0-15	

Note:

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3. Any correction invalidates this report.
4. The results are based on the test conducted on samples supplied by the client.

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Lab Incharge
Civil Tech Labs

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

CIVILTECH LABS

TEST REPORT ON CEMENT

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Name of Work	Work of Reconstruction of drains and covering slab in ward No.05 (Jakkur) Byatarayanapura sub division.
Agency Name	Sri. S. K. Keshavamurthy

Tests on Cement	Test Date	Tests	Test Method As Per IS & Apparatus		Results		Requirements As Per IS: 12269-1987	Remarks
			IS Code	Method	Value	Unit		
	10/02/2014	Initial Setting Time	IS-4031 (Part-5) 1988	VICAT	53	min	Not Less Than 30 Minutes	Satisfies Requirement
		Final Setting Time	IS-4031 (Part-5) 1988	VICAT	480	min	Not More Than 600 Minutes	Satisfies Requirement
		Soundness	IS-4031 (Part-3) 1988	LE-CHATELIER	3	mm	Not More Than 10 mm	Satisfies Requirement

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

CIVILTECH LABS

TEST REPORT ON COARSE AGGREGATES 40mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Name of Work	Work of Reconstruction of drains and covering slab in ward No.05 (Jakkur) Byatarayanapura sub division.
Agency Name	Sri. S. K. Keshavamurthy

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
40mm Down Graded	10/02/2014	2.67	0.29	80	100	100	Satisfies The Requirements
				40	99	95-100	
				20	56	30-70	
				10	26	10-35	
				4.75	3	0-5	

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Assistant Executive Engineer
Byatarayanapura Sub Divisio
B.B.M.P. Bangalore

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Work of Reconstruction of drains and covering slab in ward No.05 (Jakkur) Byatarayanapura sub division.
Agency	Sri. S. K. Keshavamurthy
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC-Work (Drain)	20/02/2014	20/03/2014	28	8.15	480	21.33	21.70
2					8.19	495	22.00	
3					8.18	490	21.78	

Note:

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Assistant Executive Engineer
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Accredited by NABL as per ISO/ IEC 17025 : 2005

5, 1st Cross, Srinivasa Colony, Mission Road, Bangalore - 560027

Ph: 080 - 4114 2867 / Mob. : 96862 31801, Email: civiltechlabs@gmail.com

T-2654

To,

Assistant Executive Engineer
Byatarayanapura Sub Division,
BBMP.

22nd March 2014

Dear Sir,

Sub: Reconstruction of drains and Covering Slab in ward no. 05 (Jakkur).
Testing of cubes – Reg.

As requested the 28th day Compressive Strength Test of Cubes was carried out for the above work for the samples supplied by you.

Please find the enclosed Test Reports of the above.

Thanking you,

For Civil Tech Labs,

Khushboo

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

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Assistant Executive Engineer
Byatarayanapura Sub Divisio
B.B.M.P. Bangalore

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Reconstruction of drains and Covering Slab in ward no. 05 (Jakkur).
Agency	Sri. S. K. Keshavamurthy
Grade of Concrete	M-15
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC Work (Drain)	20/02/2014	20/03/2014	28	8.18	358	15.91	15.64
2					8.16	352	15.64	
3					8.15	346	15.38	

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

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TEST REPORT ON CONCRETE CUBES

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Project	Reconstruction of drains and Covering Slab in ward no. 05 (Jakkur).
Agency	Sri. S. K. Keshavamurthy
Grade of Concrete	M-20
No. of cubes tested	3
Dimension of Specimen	150mmx150mmx150mm
Cross Sectional Area	22500 Sq.mm
Technical Reference	IS: 516-1959(Reaffirmed 2004)

Sl.No	Identification	Date of Casting	Date of Testing	Age at test (Days)	Weight (Kg)	Failure Load (KN)	Compressive Strength (N/Sq.mm)	Avg Compressive Strength (N/Sq.mm)
1	CC Work (Covering Slab)	22/02/2014	22/03/2014	28	8.20	490	21.78	21.78
2					8.21	495	22.00	
3					8.19	485	21.56	

Note:

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T-2654

To,

Assistant Executive Engineer,
Byatarayanapura Sub Division,
BBMP.

10th February 2014

Dear Sir,

Sub: Testing of Coarse Aggregate.

As requested, the required tests were carried out for the Coarse Aggregate samples supplied by you, for the work of **'Reconstruction of drains and Covering Slab in ward no. 05 (Jakkur)'.**

Please find the enclosed Test Reports of the above.

Thanking You,
For Civil Tech Labs

CIVIL TECH LABS BANGALORE

(KHUSHBOO L.)
Deputy Quality Manager

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Assistant Executive Engineer
Byatarayanapura Sub Division
B.B.M.P. Bangalore

CIVILTECH LABS

TEST REPORT ON COARSE AGGREGATES 20mm ↓ Graded Ref:IS:383/2386

Name of the Client	AEE, Byatarayanapura Sub Division, BBMP
Name of Work	Reconstruction of drains and Covering Slab in ward no. 05 (Jakkur).
Agency Name	Sri. S. K. Keshavamurthy

Sample	Date of Testing	Specific Gravity	Absorption in %	IS Sieve Designation (mm)	Sieve Analysis (% Passing IS Sieve)	Grading Requirement As Per IS 383-1970	Remarks
20mm Down Graded	10/02/2014	2.61	0.31	**40**	100	**100**	Satisfies The Requirement
				20	98.6	**95-100**	
				10	32.9	**25-55**	
				4.75	7.5	**0-10**	

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